

A HEALTHY HOME: WHEN?

Bioecological Architecture has set out its prerequisites for a healthy home:

- **TRANSPIRATION**, in other words the ability to diffuse vapours renders the home healthy and prevents mould from forming. It further allows radiation and any toxic vapours to be expelled.
- **MOISTURE ABSORBANCE**, in other words the ability to absorb, and later release, the water vapours produced, thus guaranteeing comfortable living conditions.
- **THE ABILITY TO ACCUMULATE HEAT**, in other words the ability to absorb summer heat and accumulate winter heat, including that derived from solar energy.
- **THE OPTIMUM INSULATION/HEAT ACCUMULATION RATIO**, in other words the ability to find the right balance between an acceptable level of insulation and an acceptable level of heat accumulation, in order to guarantee a constant interior micro-climate and an appropriate level of energy efficiency.
- **HIGH-LEVEL TECHNICAL CHARACTERISTICS**
- **HIGH-LEVEL ACOUSTIC CHARACTERISTICS**, both as a sound absorber and as a acoustic insulator
- **EXCELLENT FIRE PROTECTION**
- **ABSENCE OF HARMFUL SUBSTANCES**: there are as many as 250 substances which bio-architecture has identified as being negative!
- **ABSENCE OF RADIATION**
- **GOOD PROTECTION FROM NATURAL MAGNETIC FIELDS**
- **RESISTANCE TO HUMIDITY, WATER AND FREEZING TEMPERATURES**

**DECLARED ECOBIOCOMPATIBLE
CONFORMING TO EN 13168**



BIO-BUILDING

BIO-ECOLOGICAL CERTIFICATION

Ty-Mawr's new wood wool board has obtained Bio-Ecological certification for its products from three institutes:

- **ANAB (Italian National Association for Bioecological Architecture)**
- **IBO (Österreichisches Institut für Baubiologie und Ökologie)**
- **IBN (Institut für Baubiologie Neubeuern).**